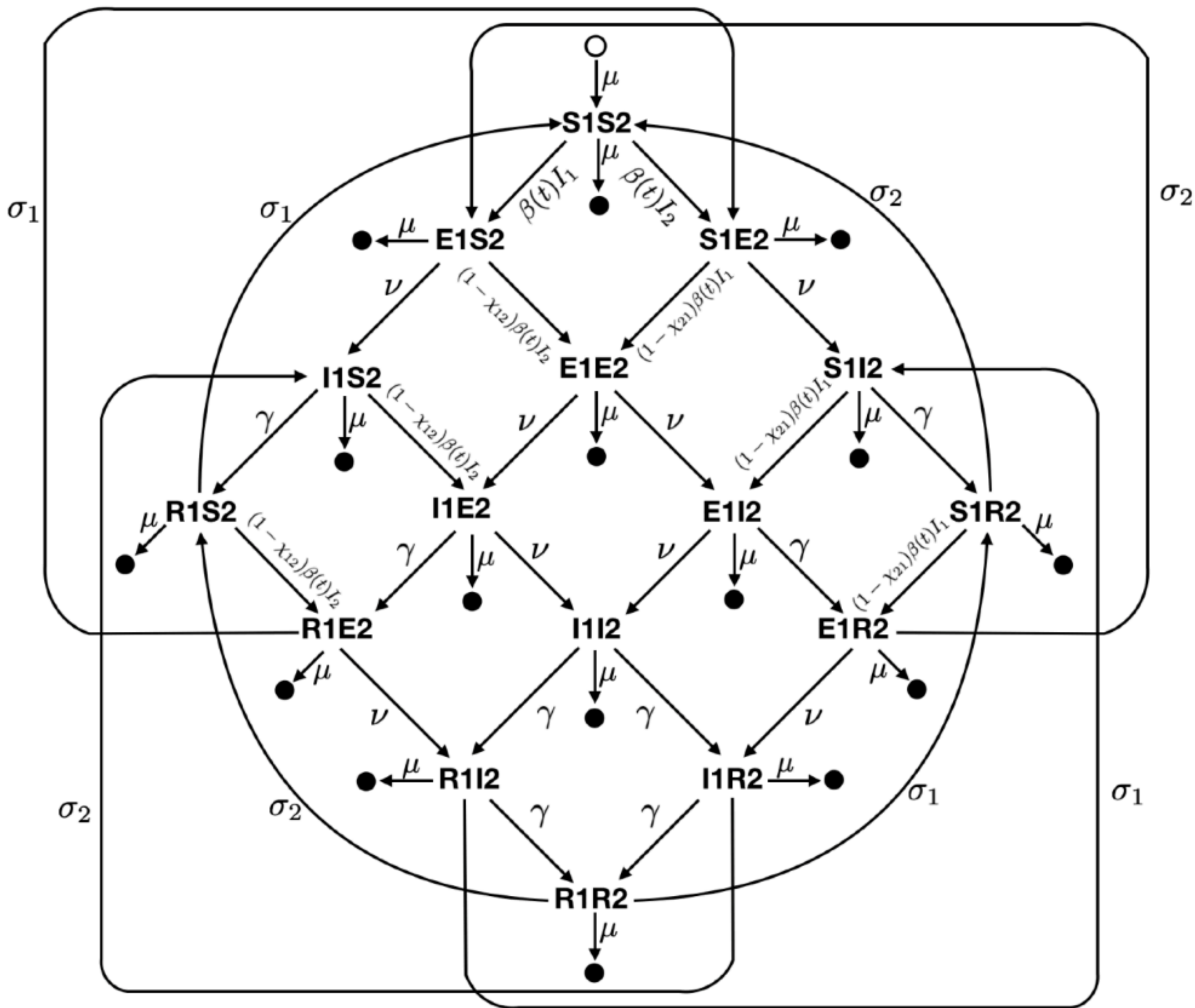
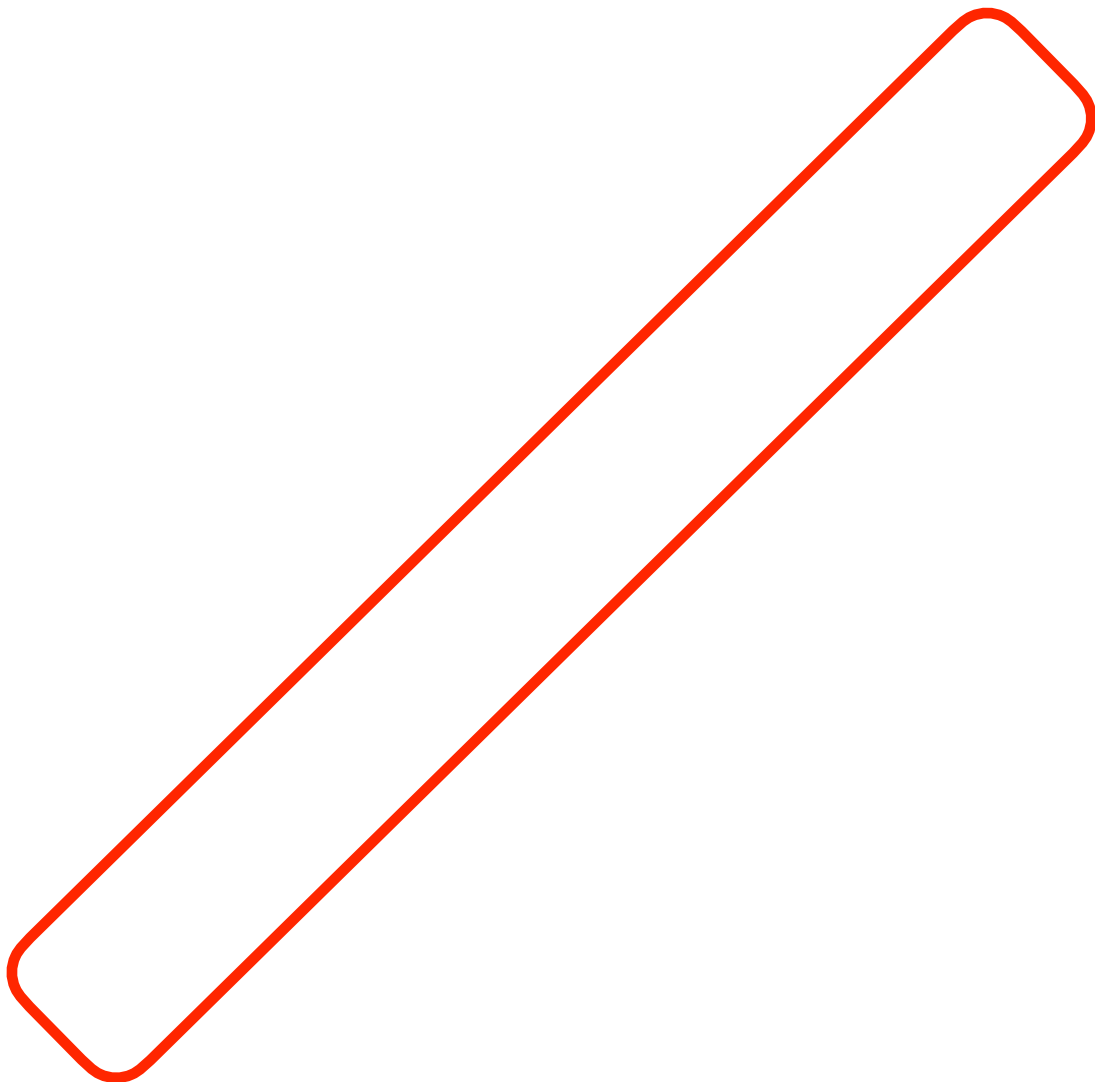
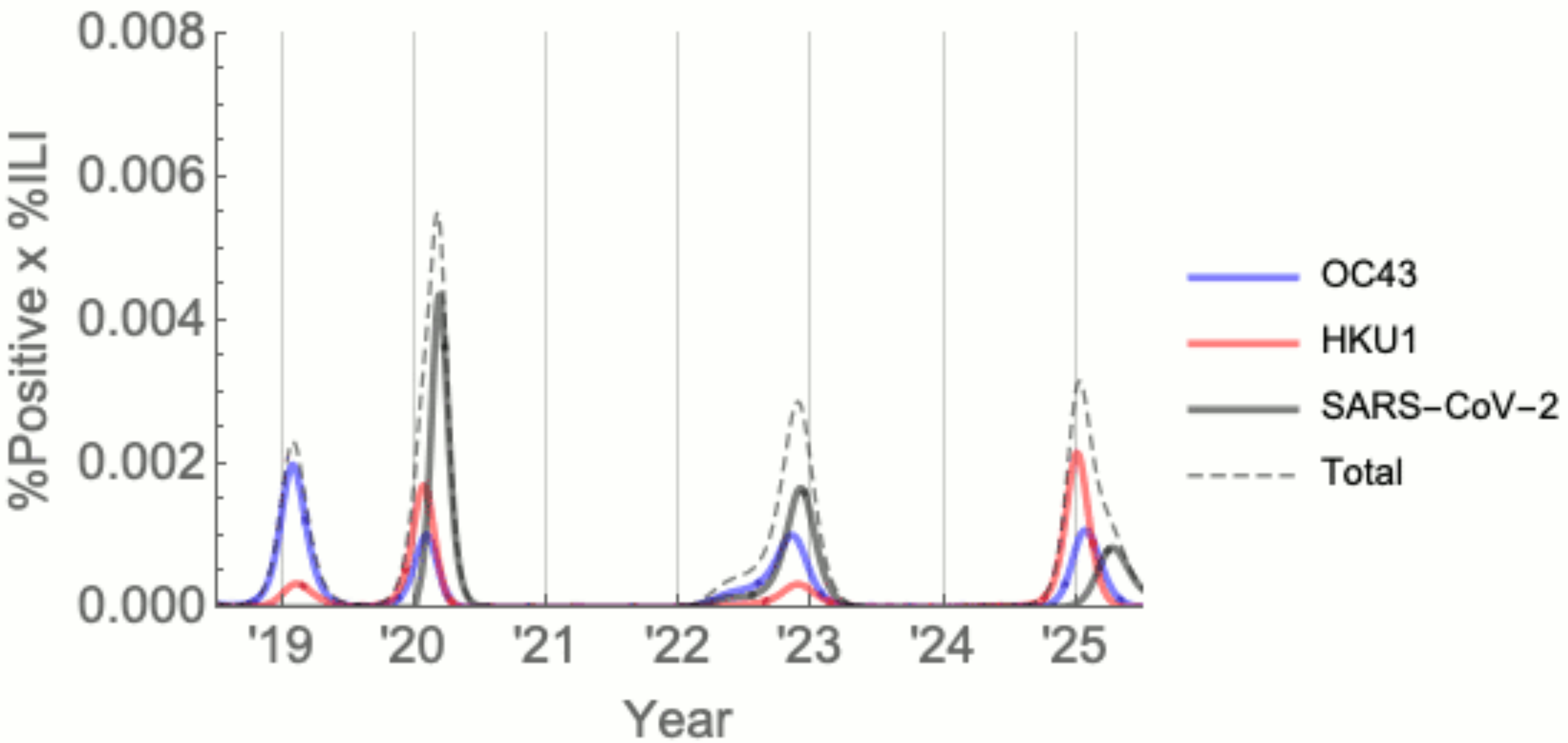


Thankful for friends!

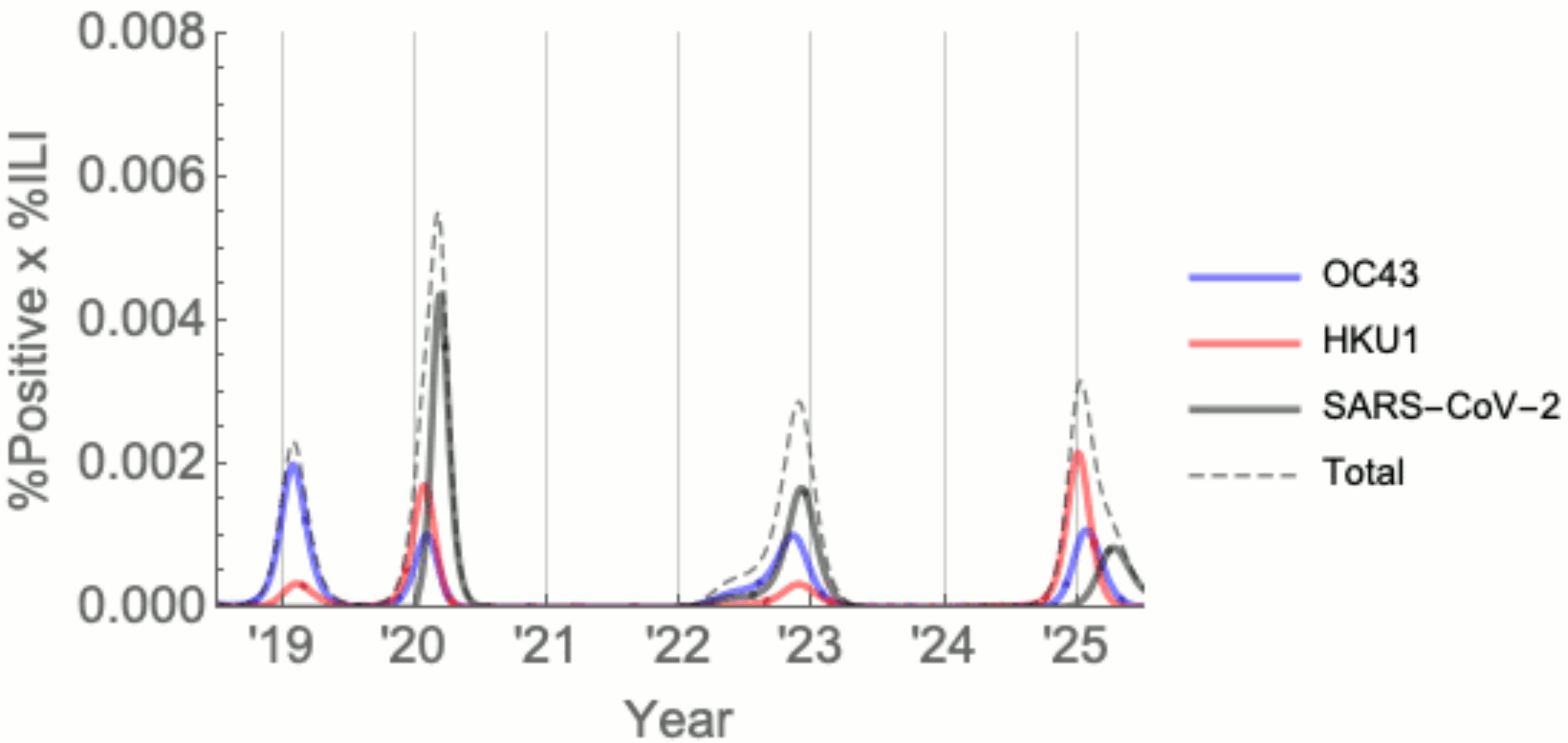




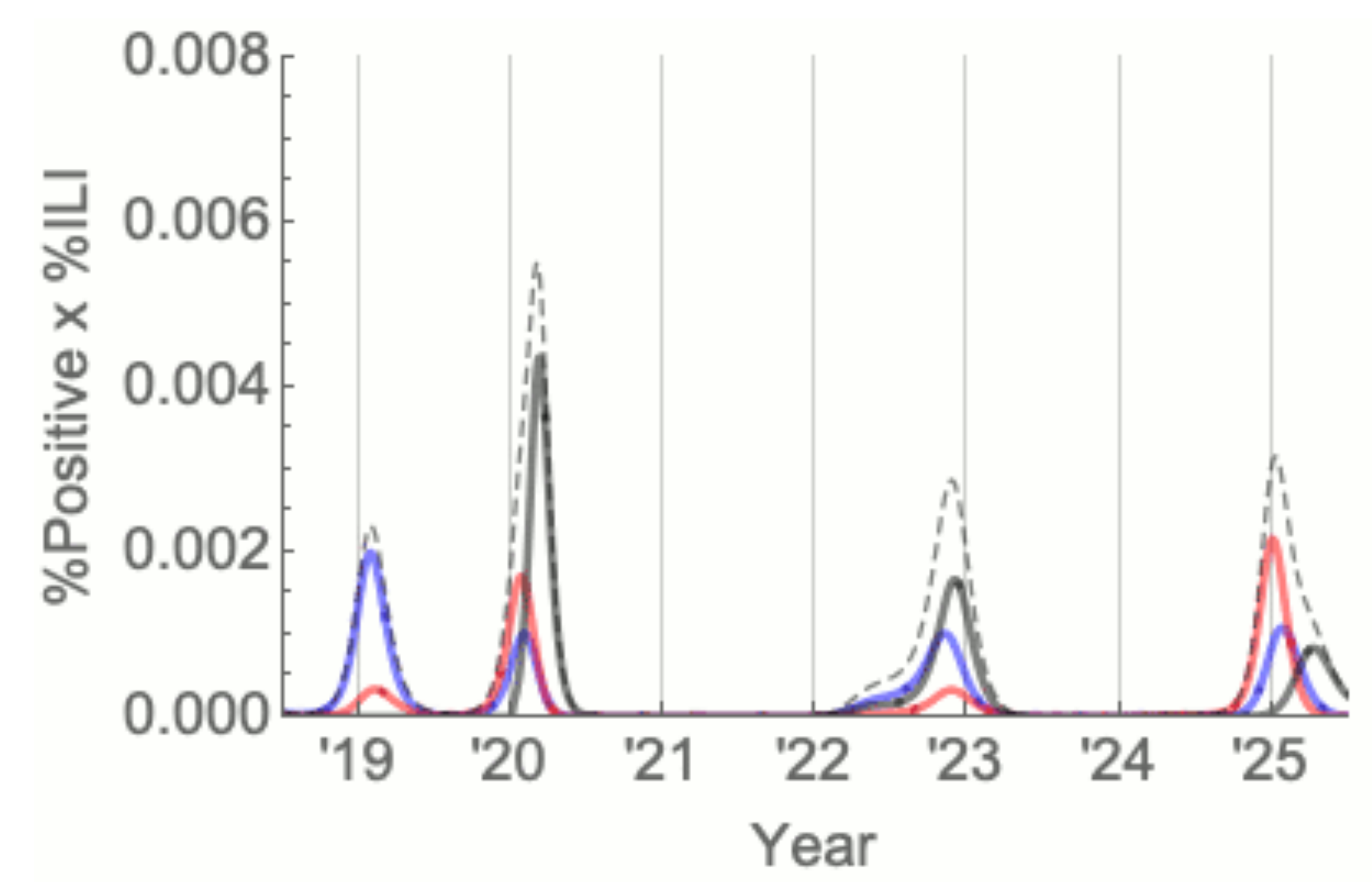
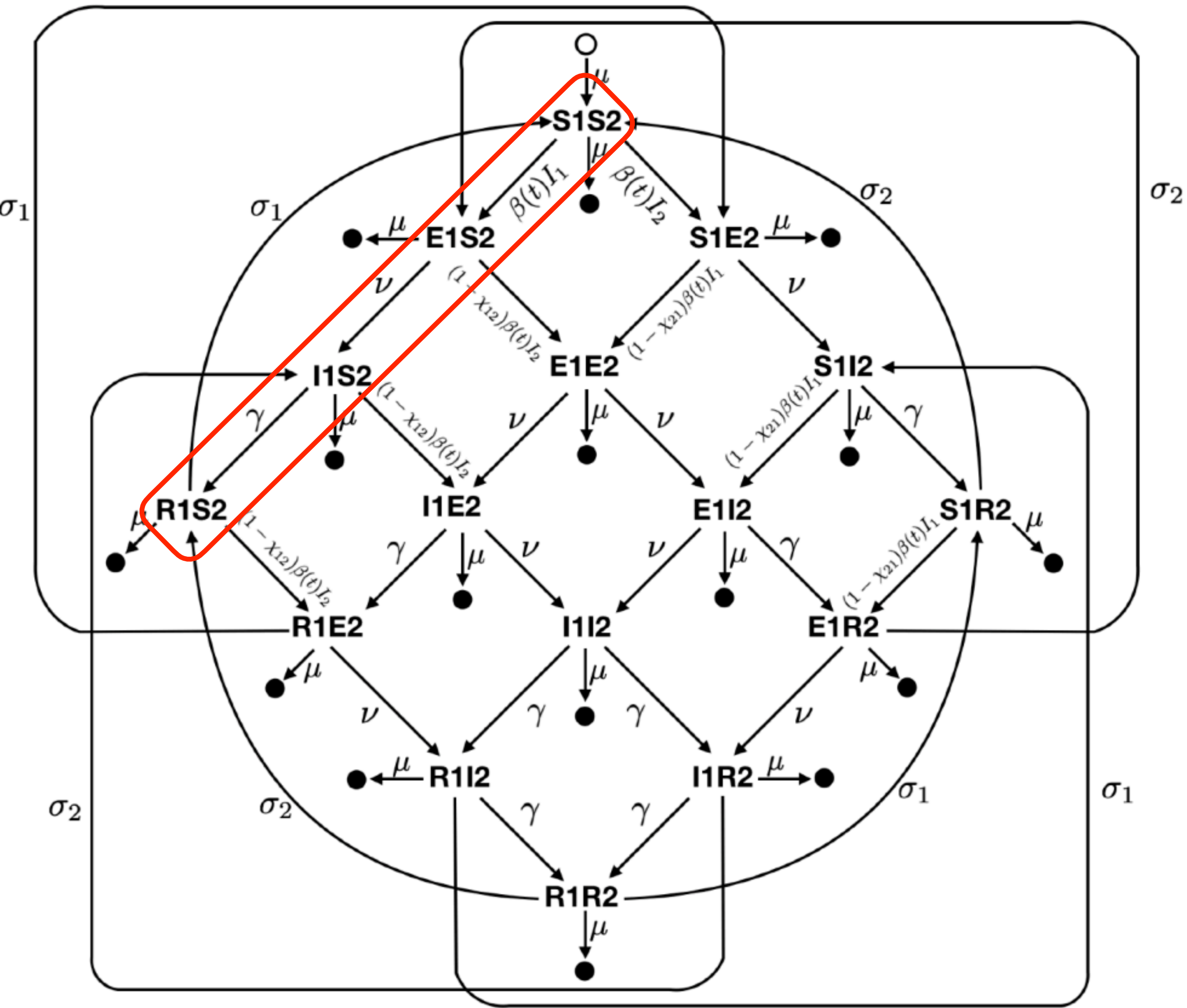
The introduction time can profoundly affect the
long-term dynamics!



Model analysis



The full model



The introduction time can profoundly affect the long-term dynamics!

Returning to our main questions

- Will SARS-CoV-2 spread in the summer months?
Yep.
- Will SARS-CoV-2 enter into long-term seasonal circulation?
Probably!
- How would cross-immunity from the other coronaviruses affect the pandemic?
In some pretty wild and unexpected ways
- If we can't answer these questions now – what information do we need?
 - Longitudinal serology (to get duration of immunity)
 - Antibody studies and epi studies to measure cross-immunity

What else? Which other scenarios would you explore?